

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	Velebny et al.
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Art Unit	1623
Title	DIETETIC PREPARATION FOR PREVENTION AND TREATMENT OF OSTEOPOROSIS
Attorney Docket No.	074047.3

Cincinnati OH

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**DECLARATION OF VLADIMIR VELEBNY, MARIA STANCIKOVA, KAROL SVIK, AND RICHARD
STOK UNDER 37 C.F.R. §1.132**

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the subject application or any patent issued thereon.

This Declaration is being made in order to specify the terms “instant drink” and “syrup” recited in claim 10 of the patent application No. 10/575,073, which is the national stage entry of International Application No. PCT/CZ04/00064.

A **syrup** is a thick, viscous liquid containing a high amount of sugar dissolved in water. The characteristics of the syrup according to the invention are as follows:

Typical ingredients are: inverted syrup, sorbate, water, hyaluronic acid, citric acid, potassium sorbate, sodium benzoate etc.

A general, exemplary composition of the syrup is:

Hyaluronate 0,13 g

Saccharides: 45 g

Chondroitin sulfate: 1,3 g

Water: making the balance to the total of 100 ml of the syrup

The ingredients are gradually placed in a mixer and while being mixed, they are heated to 80 °C. After they are thoroughly mixed, they are cooled to 40 °C and filled in containers.

The dynamic viscosity of the syrup is within the range of 20 to 45 mPa.s. The viscosity was measured by means of a rotary viscosimeter having a spindle No. 1, at 100 rpm and 25 °C.

An **instant drink** is a liquid prepared from a readily soluble, concentrated powder dissolved in water. The usual amount of the instant powder is 40 g in 500 ml of water.

Typical ingredients of the instant powder are: glucose, maltodextrin, other sugars, hyaluronate, citric acid, premix of vitamins and mineral substances.

A general, exemplary composition of the instant powder is:

Hyaluronate 75 mg

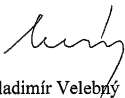
Sugars: 96 g (glucose: 60 g; beet sugar: 20 g; maltodextrin: 16 g)

Citric acid: 2,5 g

Further ingredients (making the balance to the total of 100 g of the instant powder): flavoring, premix of vitamins (vitamin B1, B2, B6, B12, niacin, vitamin C, folic acid, biotin, pantothenic acid, vitamin E, vitamin D), salts of zinc, iron and copper, iodine and inositol.

The ingredients are gradually placed in a mixer and are mixed for 20 minutes. Then the final product is filled in containers. The instant drink is prepared by mixing the above mentioned instant powder with water.

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